

August 18, 2003

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: James D. Smith, Senior Reclamation Specialist

RE: 2003 First Quarter Water Monitoring, Energy West Mining Company, Trail Mountain Mine, C/015/009-WQ03-1, Task ID #1349

1. Were data submitted for all of the MRP required sites? YES [X] NO []

Identify sites not monitored and reason why, if known:

2. On what date does the MRP require a five-year resampling of baseline water data?

See Technical Directive 004 for baseline resampling requirements. Consider the five-year baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement.

Resampling Due Date

Renewal submittal due 10/21/04, renewal due 02/21/05. Baseline analyses were performed in 1996, 2001 and will be repeated every 5 years, i.e., next baseline analyses will be in 2006.

3. Were all required parameters reported for each site? YES [X] NO []

Comments, including identity of monitoring site:

4. Were irregularities found in the data?

YES [X] NO []

Comments, including identity of monitoring site:

SW-2: sulfate (n = 118) is outside the two standard deviation range;

5. Were DMR forms submitted for all required sites?

1st month, YES [X] NO []

2nd month, YES [X] NO []

Identify sites and months not monitored:

3rd month, YES [X] NO []

There was no discharge from either UPDES point during the first quarter. The mine was sealed in June 2001 and there has been no reported discharge at UPDES UT23728-002 (the mine-water discharge into Cottonwood Creek) since May 2001.

6. Were all required DMR parameters reported?

YES [X] NO []

Comments, including identity of monitoring site:

There was no discharge from either UPDES point during the first quarter.

7. Were irregularities found in the DMR data?

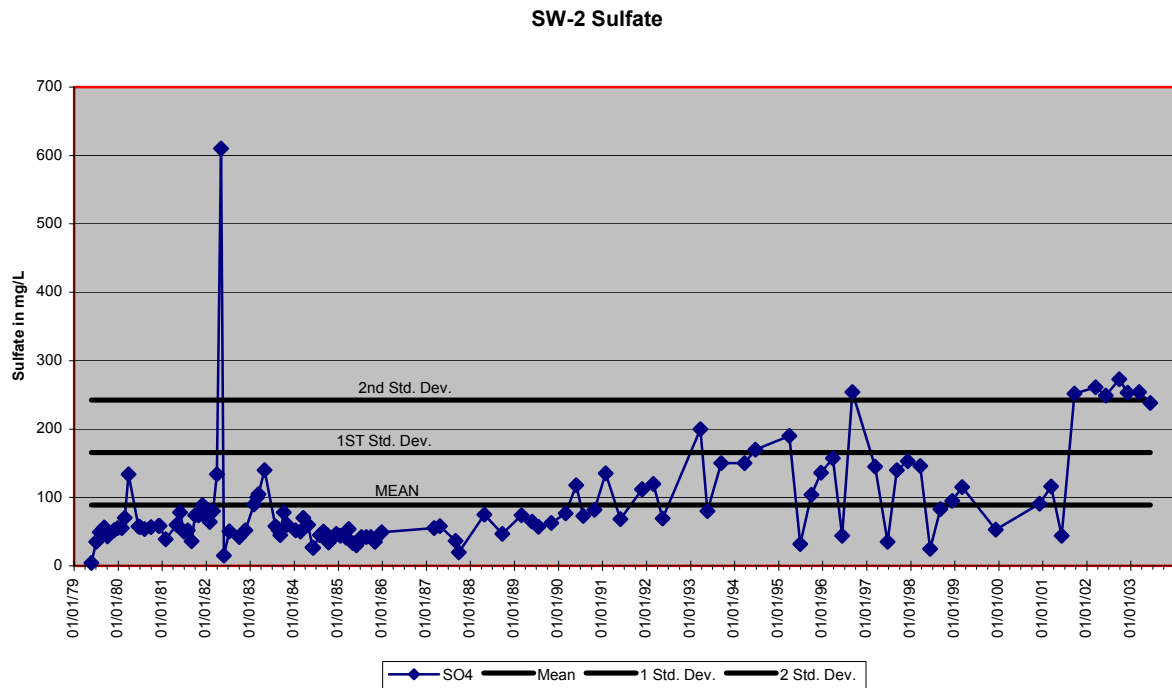
YES [] NO [X]

Comments, including identity of monitoring site:

8. Based on your review, what further actions, if any, do you recommend?

The Permittee needs to always confirm that for monitoring wells, water-depth and water-elevation values entered into the database are in feet rather than meters. Both water-depth and water-elevation need to be reported.

This is the sixth consecutive quarter SW-2 has had sulfate values outside two standard deviations. See the attached chart (2nd quarter 2003 is within two standard deviations.) The Permittee needs to identify the source of this increase in sulfate in the stream.



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